

ENVIRONMENTAL PROTECTION AGENCY

REPLY TO
ATTN OF:

Region X Laboratory

DATE: 14 August 1973

SUBJECT:

Analysis of Duwamish River Sediment for PCB

TO:

• A. R. Gahler
Supervisory Chemist
EPA Region X Laboratory

The analysis of Duwamish River Sediment for PCB has been completed and the data are shown in the attached table. The results represent the average of several values obtained with different columns in different gas chromatographs.

R. H. Rieck
R. H. Rieck

cc: F. L. Nelson
J. Sainsbury ✓
J. Blazeovich

arg/jp

ANALYSIS OF DUWAMISH RIVER SEDIMENT SAMPLES FOR PCB

(6-5-73)

Lab. #	Sample Identification	% Solids	Concentration
23601	core #1 - 1 meter	51.5	1.0
602	core #1 - surface	58.1	.2
603	core #2 - surface	57.6	.3
604	core #2 - 1 meter - 6"	48.1	1.9
605	core #3 - surface	54.3	.4
606	core #3 - 1 meter	54.1	3.0
607	core #4 - surface	55.1	1.4
608	core #4 - 1 meter - 6"	41.2	.5
609	core #5 - surface	58.0	1.6
610	core #5 - 1 meter - 6"	63.4	.4
611	core #6 - surface	57.0	1.1
612	core #6 - 1 meter	56.1	.6
613	core #7 - surface	49.9	1.8
614	core #7 - 1 meter	53.5	.6
615	core #8 - surface	51.0	1.8
616	core #8 - 1 meter	51.0	.3
617	core #9 - surface	48.9	1.6
618	core #10 - surface	50.4	1.8
619	core #10 - 1 meter	62.6	.5
620	core #11 - surface	56.4	3.6
621	core #11 - 1 meter	54.2	.1
622	core #12 - surface	66.0	.4
623	core #16 - surface	38.2	1.6
624	core #16 - 1 meter	60.8	.3
625	core #13 - surface	16.7*	1.2
626	core #13 - surface	70.0	.4
627	core #14 - surface	68.7	.1
628	core #15 - surface	14.1*	4.2 - 2.50

ug/g = ppm

2.44

Concentrations expressed in ppm (micrograms per gram) on a dry weight basis.

* Samples contained large concentration of wood chips. Samples diluted about four fold with water prior to homogenation.